



Dart Hawkesbury
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Tel (613) 632-5200

\$015706

D206-642-312BL
Job Sheet 166709-D



Part No: D206-642-312BL

Job Qty: 1 ea

Part Name: Skidtube RH, Low & High Gear with Standard Wearplates (Ael Blue)



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 10/16/17

Job Tracking No:

Due Date: 11/27/17

Created By: Victoria Michaud-Febrille

Type: Stock

Description:

Customer: Air Evac Lifeteam (CAEVA02)

Air Medical Group Holdings, Concur Invoice Capture C/O (*AEL*), 10700 Prairie Lakes Drive Eden Prairie, MN, 55344 USA ph:(636) 695-5385

Note: DWG REV Q SHEETS 29-30 IPP Rev: J 05.10.11 Added D3429-1 per CHG004 KJ/CP/JLM/EC IPP Rev:K 07-12-04 ECN 1080p DD verified by:ec IPP Rev:L 08-09-29 as per DSI9421 DD verified by: EC IPP Rev:M 09-03-02 as per DSI9440 rev.a verified by:EC IPP Rev:N 09-03-03 as per DSI9421 rev.b verified by:EC IPP Rev:O as per REV.N DD 10.04.19 verified by:EC IPP Rev:P 14.04.25 ECN14-520 DD verf:JLM IPP REV:Q 15.10.09
ADDED BL DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea		11/27/17	0.00	0.00	Start Up Stores/Pkg-1		
100	DC	1 pcs		11/27/17	0.00	0.00	DC		
110	Packaging	1 pcs		11/27/17	0.00	0.00	Packaging1		
120	QC	1 pcs		11/27/17	0.00	0.00	QC4		
130	Packaging	1 pcs		11/27/17	0.00	0.00	Packaging3		
140	QC21-FG	1 Ea		11/27/17	0.00	0.00	QC21		

Part Op 100 - Photocopy bluefile and create labels per PPP D206-642-312 CHG008

Descriptions: 130 - Identify and pack for shipping as per PPP D206-642-312 Location: _____ PPP Rev: _____

Job Allocations

Operation	Component Part	Required	Inventory	Allocated	Std Qty
90-Start up Operation	AN3-41A S01577	8 ✓	33	0	0
	AN4-6A S013661	12 ✓	449	0	0
	AN4C5A S013660	1 ✓	31	0	0
	AN5-10A S013659	4 ✓	155	0	0
	AN5-11A S013658	8 ✓	440	0	0
	AN5-12A S013657	4 ✓	496	0	0
	D206-642-341BL S013302	1 ✓	19	0	0
	D206-648-013BL S014851	1 ✓	2	0	0
	D2652 S013650	16 ✓	340	0	0
	D2712 S013655	10 ✓	93	0	0
	D2932-2BL S014561	1 ✓	0	0	0
	D2933-2BL S014561	1 ✓	2	0	0
	D2934 S013654	2 ✓	28	0	0
	D2935 S013653	2 ✓	48	0	0
	D2938-2BL S014281	1 ✓	0	0	0
	D2939-2BL S014283	1 ✓	0	0	0
	D3407-043 S013652	1 ✓	29	0	0
	D3413-1BL S014290	1 ✓	21	0	0
	D3456-1 S013651	1 ✓	69	0	0

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____
Part No. _____
NCR No. _____

Date : _____ Str _____

Description Work (

Part NO:
Revision:
Operation:
Change No:

D206 – 642 – 312BL
Start up Operation

Mfg Date: 11/30/17
Job No: 166709-D

Skidtube RH, Low & High Gear with Standard Wearplates (Ael
Blue)

DART
AEROSPACE
S015706

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AGAINST DEPARTMENT/PROCESS

Loss tube	☐	Water Jet	☐	Engineering	☐
Small Fab	☐	Prod. Eng. Coord.	☐	Quality	☐
Finishing	☐	Rec/Store/Packaging	☐	Other	☐
Composite	☐	Supplier	☐		

MRB (QSI042) Approval

Disposition

Completed By

Lead hand / Supervisor
Approval Verification

QC / QA Coordinator
Approval

Root Cause

Environment	☐	No Re-verification	☐
Design	☐	Operator	☐
Doc/Data	☐	Offset/Setup	☐
Equip/Tooling	☐	Supplier	☐
Handling/Pre	☐	Training	☐
Material	☐	Use for Testing	☐
Internal Transport	☐	Poor Information	☐
Tribal Knowledge	☐	Rushing	☐
LOA	☐	Product Improvement	☐
Substation	☐	Process Improvement	☐
Past Expiry Date	☐	Manufacturing Process	☐
Misidentified	☐	Past Due	☐

Wave/Twist in Tube
Marks/Chatter

OTHER :

CATEGORY

☐	Power Loss/Surge	☐	Positioned Wrong
☐	Folio/Program	☐	Outside Dimensions
☐	Grain	☐	Over/Under tolerance
☐	Weld	☐	Part Incorrect
☐	Wrong Stock Pulled	☐	Part Lost/Missing
☐	Out of Sequence	☐	Part Moved
☐	Off-set	☐	Drawing
☐	Mislabeled	☐	Finish
☐	Fit/Function	☐	Misread
☐	Misaligned/off center	☐	Turning Sequence

qualified

Unclear

SO15610	D3457-1	2	✓	14	0	0
	MS21042L3	8	✓	1,029	0	0
AD	MS21042L4	12	✓	1,019	0	0
	MS21043-4	1	✓	813	0	0
	NAS1149C0463R	1	✓	119	0	0
	NAS1149D0363J	8	✓	247	0	0
	NAS1149D0463J	24	✓	527	0	0
	NAS1149D0563J	8	✓	1,238	0	0

Part Specifications

Specifications could not be found.

Plex 11/20/17 3:29 PM Dart.lajeunesse.marie

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation			Disposition		
			Completed By		
			Lead hand / Supervisor Approval Verification		
			QC / QA Coordinator Approval		
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					

4.5 206 L/L-1/L-3/L-4/407 LOW & HIGH GEAR SKIDTUBES

ITEM	QTY -311	QTY -312	QTY -313	QTY -314	QTY -341	QTY -357	QTY -349	QTY -351	QTY -013	PART NUMBER	DESCRIPTION
	X									D206-642-311	SKIDTUBE INSTALLATION, LH
		X								D206-642-312	SKIDTUBE INSTALLATION, RH
			X							D206-642-313	SKIDTUBE INSTALLATION, LH
				X						D206-642-314	SKIDTUBE INSTALLATION, RH
1	1	1			X					D206-642-341	SKIDTUBE
						X				D206-642-357	WEARSHOE KIT (REPLACES -347)
							X			D206-642-349	RUN-ON LANDING WEARPLATE KIT
			1	1				X		D206-642-351	SKIDTUBE
1	1	1	1	1					X	D206-648-013	GROUND HANDLING KIT
1					1					D2650-5	SKIDTUBE ASSEMBLY
1								1		D4361-041	SKIDTUBE ASSEMBLY
2A					14			4		D2651-1	* PLUG ⁽¹⁾
2B					14			4		D2651-3	* O-RING ⁽¹⁾
3					1			1		D2646	* AFT CAP ⁽¹⁾
4					2			2		MS27039-1-08	* SCREW ⁽¹⁾
5					2			2		NAS1149D0332J	* WASHER ⁽¹⁾ (OR AN960JD10L)
6	1		1							D2932-1	SADDLE, FWD OUT, LH
6		1		1						D2932-2	SADDLE, FWD OUT, RH
7	1		1							D2933-1	SADDLE, FWD IN, LH
7		1		1						D2933-2	SADDLE, FWD IN, RH
8	1		1							D2938-1	SADDLE, AFT OUT, LH
8		1		1						D2938-2	SADDLE, AFT OUT, RH
9	1		1							D2939-1	SADDLE, AFT IN, LH
9		1		1						D2939-2	SADDLE, AFT IN, RH
10	8	8	8	8						AN3-41A	BOLT
11	16	16	16	16						D2652	BUSHING
12A	8	8	8	8						MS21042-3	NUT (OR MS21042L3)
12B	8	8	8	8						NAS1149D0363J	WASHER (OR AN960JD10)
13	4	4	4	4						AN5-10A (OR AN5-11A)	* BOLT ⁽²⁾
14	4	4	4	4						AN5-11A (OR AN5-12A)	* BOLT ⁽²⁾
15	8	8	8	8						NAS1149D0563J	WASHER (OR AN960JD516)
16	12	12	12	12						AN4-6A	BOLT
17	24	24	24	24						NAS1149D0463J	WASHER (OR AN960JD416)
18	12	12	12	12						MS21042-4	NUT (OR MS21042L4)
20A					6	6				D3537-1	WEARPAD (REPLACES D2648-3)
21A					1	1				D3537-3	WEARPAD (REPLACES D3429-1)
22A					1	1				D4956-11	WEARSHOE (REPLACES D3535-11 + D3536-11)
23A					1	1				D4956-23	WEARSHOE (REPLACES D3535-23 + D3536-23)
24A					1	1				D4956-35	WEARSHOE (REPLACES D3535-35 + D3536-35)
26A					54	54				MS27039C1-08	SCREW
26B					54	54				NAS1149C0332R	WASHER (OR AN960C10L)
26C					54					ALS7-1032-130	* INSERT ⁽¹⁾ (or AKS4-1032-130, ALS4-1032-130, AELS-1032-130)
30	1	1	1	1						D3407-043	TOW RING ASSEMBLY (REPLACES D2968-043)
32A	1	1	1	1						D3456-1	WASHER
32B	2	2	2	2						D3457-1	WASHER
33	1	1	1	1						MS21043-4	NUT
34	1	1	1	1						AN4C5A	BOLT
35	1	1	1	1						NAS1149C0463R	WASHER (OR AN960C416)
36	1	1	1	1						D3413-1	RING (REPLACES D2655)
37	10	10	10	10						D2712	SET SCREW
38	2	2	2	2						D2934	SADDLE SPACER
39	2	2	2	2						D2935	SADDLE SPACER
40									2	D3414-041	GHW LUG (REPLACES D2659)
41									4	AN3C37A	BOLT
42									8	D2652	BUSHING
43									4	MS21043-3	NUT
44									4	NAS1149C0363R	WASHER (OR AN960C10)

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